

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated:

1. (Currently Amended) A kerosene heating oil composition comprising at least 99 wt% of a) at least one n-paraffins and/or iso-paraffins, said n-paraffins and/or iso-paraffins having from 7 to 18 carbon atoms and b) at least one cyclo-paraffins and/or alkyl derivatives thereof having from 9 to 18 carbon atoms, wherein the ratio by weight of the n-paraffins and/or iso-paraffins to the cyclo-paraffins and/or alkyl derivatives thereof is from 92:8 to 25:75.

2. (Original) The kerosene composition of claim 1 wherein at least 99 wt% of said n-paraffins and/or iso-paraffins have from 7 to 12 carbon atoms.

3. (Original) The kerosene composition of claim 1 wherein at least 99 wt% of said cyclo-paraffins have from 9 to 12 carbon atoms.

4. (Canceled)

5. (Currently Amended) The kerosene composition of claim [4]1 wherein said ratio is from 85:15 to 55:45.

6. (Original) The kerosene composition of claim 1 having a smoke point of at least 30 mm.

7. (Original) The kerosene composition of claim 1 wherein the component a) is selected from the group consisting of n-heptane, iso-heptane, n-octane, iso-octane, n-nonane, iso-nonane, n-decane, iso-decane, n-undecane, iso-undecane, n-dodecane, iso-dodecane, 2-methylheptane, 2,2-dimethylhexane, 2-methyloctane, 2,2-dimethylheptane, 2-methylnonane, 2,2-dimethyloctane, 2-methyldecane, 2,2-dimethylnonane, and mixtures thereof.

8. (Original) The kerosene composition of claim 1 wherein component b) is selected from the group consisting of n-butyl-cyclopentane, n-pentyl-cyclopentane, n-hexyl-cyclopentane, isopropyl-cyclohexane, n-butyl-cyclohexane, n-pentyl-cyclohexane, n-hexylcyclohexane, cis-decahydronaphthalene, trans-decahydronaphthalene, 1-methyl-(trans-decahydronaphthalene), 9-ethyl-(cis-decahydronaphthalene), and mixtures thereof.

9. (Original) The kerosene composition of claim 8 wherein the component b) is selected from cis- and trans-decahydronaphthalene and mixtures thereof.

10. (Original) The kerosene composition of claim 1 wherein the n-paraffins and iso-paraffins have been obtained by means of Fischer-Tropsch synthesis.

11. (Currently Amended) The kerosene composition of claim [4]5 wherein the n-paraffins and iso-paraffins have been obtained by means of Fischer-Tropsch synthesis.

12. (Original) The kerosene composition of claim 6 wherein the n-paraffins and iso-paraffins have been obtained by means of Fischer-Tropsch synthesis.

13. (Canceled).

14. (Original) The kerosene composition of claim 5 having a smoke point of at least 30 mm.

15. (Previously Presented) The kerosene composition of claim 7 having a smoke point of at least 30 mm.

16. (Previously Presented) The kerosene composition of claim 8 having a smoke point of at least 30 mm.